

Date: Wednesday, 5/16/2007 1:44:23 PM  
 User: Kim Johnston

## Process Sheet

Customer : CU-DAR001 Dart Helicopters Services Drawing Name : DART 13-MAN 3-POINT SHOULDER HARNESS KIT  
 Job Number : 32419  
 Estimate Number : 12865  
 P.O. Number : N/A Part Number : D412702041B  
 This Issue : 5/16/2007 S.O. No. : N/A Drawing Number : D412702041B  
 Prsht Rev. : NC Project Number : N/A  
 First Issue : N/A Type : SMALL /MED FAB Drawing Revision : D  
 Previous Run : 32329 Material : N/A  
 Due Date : 5/23/2007 Qty: 2 Um: Each  
 Written By :  
 Checked & Approved By : KG 07.05.16  
 Comment : est rev A 07.05.10 new issue EC

## Additional Product

Job Number:



Seq. #: Machine Or Operation: Description :

1.0 DC DOCUMENT CONTROL



Comment: DOCUMENT CONTROL

Photocopy bluefile & type labels per PPP D412-702-041B CHG001

KG 07-05-18 (2)

2.0 D412702059 GROMMET KIT



Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)

GROMMET KIT

batch: B32327 ✓

3.0 D412702101B HARNESS ASSEMBLY



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)

HARNESS ASSEMBLY

batch: B32484 ✓

4.0 D412702103B HARNESS ASSEMBLY



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)

HARNESS ASSEMBLY

batch: B32485 2x ✓

B32333 1x ✓

5.0 D412702105B HARNESS ASSEMBLY



Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)

HARNESS ASSEMBLY

batch: B32486 ✓

KG 07-05-18 (2)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Wednesday, 5/16/2007 1:44:24 PM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: DART 13-MAN 3-POINT SHOULDER HARNESS KIT

Job Number: 32419

Part Number: D412702041B

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

D412702107B

HARNESS ASSEMBLY



Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)

HARNESS ASSEMBLY

batch: B32487

7.0

D412702109B

HARNESS ASSEMBLY



Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)

HARNESS ASSEMBLY

batch: B32488

8.0

D412702111B

HARNESS ASSEMBLY



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)

HARNESS ASSEMBLY

batch: B32609

9.0

D412702113B

HARNESS ASSEMBLY



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)

HARNESS ASSEMBLY

batch: B32610

10.0

D412702115B

HARNESS ASSEMBLY



Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)

HARNESS ASSEMBLY

batch: B32486 B32491

11.0

D412702117B

HARNESS ASSEMBLY



Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)

HARNESS ASSEMBLY

batch: B32492

12.0

D35421

BRACKET



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)

BRACKET

batch: B32127

PC 7/5/08 (2)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Wednesday, 5/16/2007 1:44:24 PM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: DART 13-MAN 3-POINT SHOULDER HARNESS KIT

Job Number: 32419

Part Number: D412702041B

Job Number:



Seq. #:

Machine Or Operation:

Description :

13.0

D35711

GUIDE



Comment: Qty.: 7.0000 Each(s)/Unit Total : 14.0000 Each(s)

GUIDE

batch: B31868 - ✓

14.0

D35713

GUIDE



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)

GUIDE

batch: B31869 - ✓

15.0

D3572041

GUIDE ASSEMBLY



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)

GUIDE ASSEMBLY

batch: B31870 - ✓

16.0

D3578041

DOUBLER



Comment: Qty.: 12.0000 Each(s)/Unit Total : 24.0000 Each(s)

DOUBLER

batch: B32983 - ✓

17.0

D3610041

BRACKET



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)

BRACKET

batch: B329607 - ✓

18.0

D36181

CAP



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)

CAP

batch: B32926 - ✓

19.0

AN410A

Bolt



Comment: Qty.: 4.0000 Each(s)/Unit Total : 8.0000 Each(s)

Bolt

batch: M101291 - ✓

*EC 7/10/28 (2)*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Wednesday, 5/16/2007 1:44:24 PM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services Drawing Name: DART 13-MAN 3-POINT SHOULDER HARNESS KIT  
Job Number: 32419 Part Number: D412702041B

Job Number:



Seq. #: Machine Or Operation: Description :

20.0 AN416A Bolt



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)  
Bolt  
batch: M18949- ✓

21.0 AN425A BOLT



Comment: Qty.: 4.0000 Each(s)/Unit Total : 8.0000 Each(s)  
BOLT  
batch: M15438- ✓

22.0 AN444A Eyebolt



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)  
Eyebolt  
batch: M161291 - M13791 ✓

23.0 MS24693S274 Screw



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)  
Screw  
batch: M104214- ✓

24.0 MS24694S56 SCREW



Comment: Qty.: 3.0000 Each(s)/Unit Total : 6.0000 Each(s)  
SCREW  
batch: M14198- ✓

25.0 MS24694S58 Screw



Comment: Qty.: 10.0000 Each(s)/Unit Total : 20.0000 Each(s)  
Screw  
batch: M11735- ✓

26.0 MS24694S60 Screw



Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)  
Screw  
batch: M11706- ✓

10/5/28 (2)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☒ No ☐ DQA: ☒ Date: 21/01/05  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



Date: Wednesday, 5/16/2007 1:44:24 PM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: DART 13-MAN 3-POINT SHOULDER HARNESS KIT

Job Number: 32419

Part Number: D412702041B

Job Number:



Seq. #:

Machine Or Operation:

Description :

27.0

AN960JD416

Washer



Comment: Qty.: 26.0000 Each(s)/Unit Total : 52.0000 Each(s)

Washer

batch: M103621 - ✓

28.0

AN960JD416L

Washer



Comment: Qty.: 4.0000 Each(s)/Unit Total : 8.0000 Each(s)

Washer

batch: M103962 - ✓

29.0

MS21042L4

Nut



Comment: Qty.: 12.0000 Each(s)/Unit Total : 24.0000 Each(s)

Nut

batch: M102552 - ✓

30.0

CR321244

Cherry Rivet



Comment: Qty.: 24.0000 Each(s)/Unit Total : 48.0000 Each(s)

Cherry Rivet

batch: M16896 ✓

ENTRE SU M.7885-4-4

6/7/08 (2)

31.0

QC 4

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

6/7/06/05 (2)

6/7/06/05

32.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D412-702-041B CHG001

Location:

PPP Rev: draft

6/7/06/05 (2)

6/7/06/05 (2)

6/7/06/05 (2)

Job Completion



QC 21 final inspection w/o release 6/7/06/05

6/7/06/05

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

QTY -041B	QTY -043B	QTY -045B	QTY -047B	QTY -049B	Part Number	Description
X					D412-702-041B	Dart 13-Man 3-Point Shoulder Harness Kit
	X				D412-702-043B	Dart 5-Man 3-Point Forward Facing Shoulder Harness Kit
		X			D412-702-045B	Dart 4-Man 3-Point Aft Facing Shoulder Harness Kit
			X		D412-702-047B	Dart 4-Man 3-Point Side Facing Shoulder Harness Kit
				X	D412-702-049B	Dart 1-Man 3-Point Forward Shoulder Harness Kit
1	1		1	1	D412-702-059	GROMMET KIT
2	1		1		D412-702-101B	HARNESS ASSEMBLY
1*	1*		1*		D3573-7	ADAPTER
1*	1*		1*		D3579-046	SHOULDER HARNESS
1*	1*		1*		K6.2	CLIP
4*	4*		4*		MS24693S272	SCREW
4*	4*		4*		AN960JD10LL	WASHER
4*	4*		4*		MS21042L3	NUT
1*	1*		1*		D3569-3	DECAL
2	1		1		D412-702-103B	HARNESS ASSEMBLY
1*	1*		1*		D3573-8	ADAPTER
1*	1*		1*		D3579-045	SHOULDER HARNESS
1*	1*		1*		K6.2	CLIP
4*	4*		4*		MS24693S272	SCREW
4*	4*		4*		AN960JD10LL	WASHER
4*	4*		4*		MS21042L3	NUT
1*	1*		1*		D3569-3	DECAL
1	1			1	D412-702-105B	HARNESS ASSEMBLY
1*	1*			1*	D3573-1	ADAPTER
1*	1*			1*	D3579-046	SHOULDER HARNESS
1*	1*			1*	K6.2	CLIP
4*	4*			4*	MS24693S273	SCREW
4*	4*			4*	AN960JD10LL	WASHER
4*	4*			4*	MS21042L3	NUT
1*	1*			1*	D3569-3	DECAL
1	1				D412-702-107B	HARNESS ASSEMBLY
1*	1*				D3573-3	ADAPTER
1*	1*				D3579-046	SHOULDER HARNESS
1*	1*				K6.2	CLIP
4*	4*				MS24693S272	SCREW
4*	4*				AN960JD10LL	WASHER
4*	4*				MS21042L3	NUT
1*	1*				D3569-3	DECAL
1	1				D412-702-109B	HARNESS ASSEMBLY
1*	1*				D3573-3	ADAPTER
1*	1*				D3579-045	SHOULDER HARNESS
1*	1*				K6.2	CLIP
4*	4*				MS24693S272	SCREW
4*	4*				AN960JD10LL	WASHER
4*	4*				MS21042L3	NUT
1*	1*				D3569-3	DECAL

• COPYRIGHT © 2003 BY DART AEROSPACE LTD. •  
 THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED  
 OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: D  
 Date: 07.04.12

STOP COPY  
 RETURN TO  
 ENGINEERING  
 UNCONTROLLED COPY  
 SUBJECT TO AMENDMENT  
 WITHOUT NOTICE  
 WORK ORDER  
 NO. 32419

QTY -041B	QTY -043B	QTY -045B	QTY -047B	QTY -049B	Part Number	Description
2		2			D412-702-111B	HARNESS ASSEMBLY
1*		1*			D3570-1	BRACKET
1*		1*			D3579-047	SHOULDER HARNESS
4*		4*			MS24694S50	SCREW
4*		4*			AN960JD10L	WASHER
4*		4*			MS21042L3	NUT
1*		1*			D3569-3	DECAL
2		2			D412-702-113B	HARNESS ASSEMBLY
1*		1*			D3570-2	BRACKET
1*		1*			D3579-048	SHOULDER HARNESS
4*		4*			MS24694S50	SCREW
4*		4*			AN960JD10L	WASHER
4*		4*			MS21042L3	NUT
1*		1*			D3569-3	DECAL
1			1		D412-702-115B	HARNESS ASSEMBLY
1*			1*		D3573-5	ADAPTER
1*			1*		D3579-046	SHOULDER HARNESS
1*			1*		K6.2	CLIP
4*			4*		MS24693S272	SCREW
4*			4*		AN960JD10LL	WASHER
4*			4*		MS21042L3	NUT
1*			1*		D3569-3	DECAL
1			1		D412-702-117B	HARNESS ASSEMBLY
1*			1*		D3573-5	ADAPTER
1*			1*		D3579-045	SHOULDER HARNESS
1*			1*		K6.2	CLIP
4*			4*		MS24693S272	SCREW
4*			4*		AN960JD10LL	WASHER
4*			4*		MS21042L3	NUT
1*			1*		D3569-3	DECAL
2	2				D3542-1	BRACKET
7	3		4	1	D3571-1	GUIDE
2	2				D3571-3	GUIDE
2		2			D3572-041	GUIDE ASSEMBLY
12	6		6	2	D3578-041	DOUBLER
2	2				D3610-041	BRACKET
2	2				D3618-1	CAP
4	4				AN4-10A	BOLT
2		2			AN4-16A	BOLT
4		4			AN4-25A	BOLT
2	2				AN4-44A	BOLT
2	2				MS24693S274	SCREW
3	3			1	MS24694S56	SCREW
10	2		8		MS24694S58	SCREW
1	1			1	MS24694S60	SCREW
26	6	20			AN960JD416	WASHER
4	4				AN960JD416L	WASHER
12	6	6			MS21042L4	NUT
24	12		12	4	CR3212-4-4	RIVET

\*DENOTES THAT PART IS INCLUDED WITH ASSEMBLY ABOVE

• COPYRIGHT © 2003 BY DART AEROSPACE LTD •  
 THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED  
 OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

SHOP COPY  
 RETURN TO  
 ENGINEERING  
 Revision: D  
 Date: 07.04.12  
 UNCONTROLLED COPY  
 SUBJECT TO AMENDMENT  
 WITHOUT NOTICE  
 WORK ORDER  
 NO. 32419